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PATENT
P31 8929

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WAHL and O'GORMAN

Serial No. 07/666,252

Filed: March 8, 1991

For: FLP-MEDIATED GENE
MODIFICATION IN MAMMALIAN
CELLS, AND COMPOSITIONS
AND CELLS USEFUL THEREOF

Examiner: C. Low

Group Art Unit: 1814

I hereby certify that this correspondence is being deposited
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envelope addressed to: Commissioner of Patents and Trade
marks, Washington, D. C. 20231, on 3/9/93
Date

BY Stephen E. [Signature]
Stephen E. [Signature] Reg. No. 31,192

Date of Signature 3/9/93

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

RESPONSE

Dear Sir:

Responsive to the Office Action mailed September 10,
1992, please consider the following amendments and remarks.

In the Claims

Please amend claims 25-28, 42-44, 47-51 and 54-55 as
follows:

25. (Amended) A method for the precisely targeted in vitro integration of DNA into the genome of a non-human host organism, said method comprising:

- (i) introducing a FLP recombination target site into the genome of cells which are compatible with the cells of the [subject] non-human host organism,